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electrode opposing said first surface of the at least one first electrode, and

at least one second electrode (6) disposed on a second surface of the at least one dielectric opposing said first surface of the at least one dielectric,  
wherein the at least one dielectric (5) comprises a ferroelectric ceramic material with a voltage-dependent relative dielectric constant  $\epsilon_r$ .

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2. (Twice Amended) A ceramic passive component as claimed in claim 1, wherein the ferroelectric ceramic material with a voltage-dependent dielectric constant  $\epsilon_r$  is a material selected from the group consisting of:

$\text{Pb}(\text{Zr}_x\text{Ti}_{1-x})\text{O}_3$  ( $0 \leq x \leq 1$ ) with and without excess lead,  $\text{Ba}_{1-x}\text{Sr}_x\text{TiO}_3$  ( $0 \leq x \leq 1$ ),

$\text{Pb}_{1-1.5y}\text{La}_y(\text{Zr}_x\text{Ti}_{1-x})\text{O}_3$  ( $0 \leq x \leq 1$ ,  $0 \leq y \leq 0.2$ ),  $\text{Pb}(\text{Zr}_x\text{Ti}_{1-x})\text{O}_3$  ( $0 \leq x \leq 1$ ) doped with Nb,  $\text{Pb}_{1-\alpha y}\text{La}_y\text{TiO}_3$  ( $0 \leq y \leq 0.3$ ,  $1.3 \leq \alpha \leq 1.5$ ),  $(\text{Pb}, \text{Ca})\text{TiO}_3$ ,  $\text{BaTiO}_3$  with and without dopants,

$\text{SrZr}_x\text{Ti}_{1-x}\text{O}_3$  ( $0 \leq x \leq 1$ ) with and without Mn dopants,

$\text{BaZr}_x\text{Ti}_{1-x}\text{O}_3$  ( $0 \leq x \leq 1$ ),  $\text{SrTiO}_3$  doped with, for example, La, Nb, Fe or Mn,

$(\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3)_{x-}(\text{PbTiO}_3)_{-x}$  ( $0 \leq x \leq 1$ ),

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$(Pb, Ba, Sr) (Mg_{1/3}Nb_{2/3})_x Ti_y (Zn_{1/3}Nb_{2/3})_{1-x-y} O_3$  ( $0 \leq x \leq 1$ ,  $0 \leq y \leq 1$ ,  $x + y \leq 1$ ),  $PbNb_{4/5x} ((Zr_{0.6}Sn_{0.4})_{1-y} Ti_y)_{1-x} O_3$  ( $0 \leq x \leq 0.9$ ,

$(Ba_{1-x}Ca_x) TiO_3$  ( $0 \leq x \leq 1$ ),

$(Ba_{1-x}Sr_x) TiO_3$  ( $0 \leq x \leq 1$ ),  $(Ba_{1-x}Pb_x) TiO_3$  ( $0 \leq x \leq 1$ ),  $(Ba_{1-x}Sr_x) (Ti_{1-x}Zr_x) O_3$  ( $0 \leq x \leq 1$ ,  $0 \leq y \leq 1$ ),

(a)  $Pb (Mg_{1/2}W_{1/2}) O_3$ ,

(b)  $Pb (Fe_{1/2}Nb_{1/2}) O_3$ ,

(c)  $Pb (Fe_{2/3}W_{1/3}) O_3$ ,

(d)  $Pb (Ni_{1/3}Nb_{2/3}) O_3$ ,

(e)  $Pb (Zn_{1/3}Nb_{2/3}) O_3$ ,

(f)  $Pb (Sc_{1/2}Ta_{1/2}) O_3$ ,

as well as combinations of any of the materials (a) to (f) with  $PbTiO_3$  and  $Pb(Mg_{1/3}Nb_{2/3})O_3$  with and without excess lead.

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5. (Twice Amended) A ceramic passive component as claimed in claim 3, wherein the second electrically conducting layer of the at least one first electrode (2) or of the at least one second electrode (6) comprises a metal or an alloy.

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8. (Twice Amended) A ceramic passive component as claimed in claim 1, wherein a protective layer (7) is laid over the entire component.

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9. (Twice Amended) A voltage-controlled oscillator with as its capacitive component a ceramic passive component which comprises a carrier substrate (1), at least one first electrode (2) formed of a material selected from the group consisting of metal and alloys and having a first surface disposed on the substrate, at least one dielectric (5) having a first surface disposed, on a second surface, opposed to said first surface of the at least first electrode, and at least a second electrode (6) disposed on a second surface of the at least one dielectric, opposed to said first surface of the at least one dielectric, wherein the at least one dielectric (5) comprises a ferroelectric ceramic material with a voltage-dependent relative dielectric constant  $\epsilon_r$ .

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10. (Twice Amended) A filter with as its capacitive component a ceramic passive component which comprises a carrier substrate (1), at least one first electrode (2) formed of a material selected from the group consisting of metals and alloys and having a first surface disposed on the substrate, at least one dielectric (5) having a first surface disposed on a second surface of the at least one first electrode opposed to said first surface and at least one second electrode (6) having a surface disposed on said second surface of the at least one dielectric wherein the

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at least one dielectric (5) comprises a ferroelectric ceramic material with a voltage-dependent relative dielectric constant  $\epsilon_r$ .

11. (Twice Amended) A delay line with as its capacitive component a ceramic passive component which comprises a carrier substrate (1), at least one first electrode formed of a material selected from the group consisting of metal and alloys and (2) having a first surface disposed on the substrate at least one dielectric (5) having a first surface disposed on a second surface of the one first electrode opposed to said first surface and at least one a second electrode (6) having a surface disposed on said second surface of the at least one dielectric wherein the at least one dielectric (5) comprises a ferroelectric ceramic material with a voltage-dependent relative dielectric constant  $\epsilon_r$ .

12. (Twice Amended) A capacitive ceramic comprising a carrier substrate (1), at least one first electrode (2) formed of a material selected from the group consisting of metals and alloys and having a first surface disposed on the substrate at least one dielectric (5) with a voltage-dependent relative dielectric constant  $\epsilon_r$  having a second surface opposed to said first surface disposed on a second surface of the at least one first electrode opposed to said